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Courses in Engineering

AND

Register of Graduates

IN

Engineering

Entered June 22, 1904, at Newark, Delaware, as second class matter, under
Act of Congress of July 16, 1894

That college graduate is but a poor creature who does not feel when he has left college that he has received something for which he owes a return. What he thus owes he can as a rule only pay by the way he bears himself throughout life. It is but occasionally that a college graduate can do much outright for his alma mater; he can best repay her by living a life that will reflect credit upon her, by so carrying himself as a citizen that men shall see that the years spent in training him have not been wasted. The educated man is entitled to no special privilege, save the inestimable privilege of trying to show that his education enables him to take the lead in striving to guide his fellows aright in the difficult task which is set to us of the twentieth century.

Theodore Roosevelt.

Courses in Engineering

DELAWARE COLLEGE offers, in engineering, three courses of four years each leading to degrees—a course in Civil Engineering, a course in Mechanical Engineering and a course in Electrical Engineering. By taking special instruction offered in chemistry, mineralogy and geology, students may fit themselves for positions in mining engineering and industrial chemistry.

To those preparing for the engineering profession the College offers many advantages. Located amid healthful surroundings, in a well-ordered community, it has convenient access to the important and varied industrial establishments of the nearby large cities. The instruction is thorough and is given by an able and efficient corps of instructors who are men of practical experience in their several departments. The buildings are convenient, have good sanitary arrangements and are well lighted and heated. The material equipment for use in teaching is modern, carefully selected and well adapted to purposes of instruction. On account of the liberal provisions made by the United States government for instruction in agriculture and mechanic arts, the College is enabled to make tuition free to Delaware students. Under certain conditions a like arrangement may be made for students from other states. Thus, at very moderate expense, a thorough collegiate course is made available.

About four-fifths of those who have graduated in engineering are engaged in professional work. The remainder are engaged in the other professions and in business. Our instructors and alumni are always ready and willing to assist graduates in obtaining positions and in making professional advancement.

Admission:—Candidates for admission to the Freshman class in any of the courses in engineering must be at least sixteen years of age.

Certificates in lieu of examinations will be accepted for such entrance work as the candidate has completed. Except in such cases each applicant must sustain thorough examinations in English, including spelling, grammar and composition, English literature, history and civil government of the United States, arithmetic, algebra through quadratics and plane geometry as taught in the secondary schools.

A candidate for entrance to an advanced class must sustain examinations upon all studies which, subsequent to entrance, have been pursued by the class. Entrance examinations are held in June and September.

For catalogues and any information regarding the College address the President,

GEORGE A. HARTER, PH. D.,
Newark, Del.

Graduates in Engineering

Following is a register of those who have graduated in engineering since the complete organization of the engineering courses.

It is earnestly requested that hereafter graduates promptly report to the College any changes in address or occupation as well as any errors found in the following list.

Class of 1891

	P. O. ADDRESS.
JOHN P. ARMSTRONG, B. S.,	Newark, Del.
<i>With Kiamensi Woolen Mills, Kiamensi, Del.</i>	
JOSEPH H. HOSSINGER, B. S.,	Newark, Del.
<i>Cashier, National Bank, Newark, Del.</i>	
EDWARD R. MARTIN, B. S.,	Washington, D. C.
<i>Assistant, U. S. C. and G. Survey, on U. S. and Canada boundary survey.</i>	

Class of 1892

T. ALBERT BEDFORD, B. S.,
<i>Killed in discharge of duty Jan. 7, 1901. At that time transitman, Davis Coal and Coke Co., Thomas, West Va.</i>

Class of 1893

FRANCIS A. COOCH, B. C. E.,	Newark, Del.
<i>Clerk, The Equitable Guarantee and Trust Co., Wilmington, Del.</i>	
GEORGE H. J. EDMONSTON, B. C. E.,	Findleyville, Pa., R. F. D. No. 31.
<i>Roadmaster, West Side Belt R. R., Pittsburg, Pa.</i>	
A. LEE ELLIS, B. C. E.,	922 Madison Ave., Baltimore, Md.
<i>Doctor of Medicine.</i>	
WALTER W. HYNSON, B. C. E.,	Smyrna, Del.
<i>Book-keeper, Fruit Growers' National Bank.</i>	
ABNER G. PLUMB, B. C. E.,	119 S. Redfield St., Philadelphia, Pa.
ALEXANDER J. TAYLOR, B. C. E., C. E.,	900 N. Adams St., Wilmington, Del.
<i>Junior, Am. Soc. C. E. Engineer and Superintendent of City Parks.</i>	
JULIUS H. G. WOLF, B. C. E., C. E.,	Manila, Luzon, P. I.
<i>M., Am. Soc. C. E. Assistant, U. S. Engineer Office.</i>	

Class of 1894

EDWIN S. ARMSTRONG, JR., B. C. E.,	904 Pine St., Philadelphia, Pa.
<i>With John Wanamaker.</i>	

- WILLIAM H. McDONALD, B. C. E., Mobile, Ala.
Principal Assistant Engineer, M. J. & K. C. R. R.
- EVERETT B. WILSON, B. C. E., C. E., Monadnock Block, Chicago, Ill.
M., Am. Soc. C. E. and American Society for Testing Materials. Secretary and Treasurer, The American Bureau of Inspection and Tests.
- JAMES L. ZIEGLER, B. C. E., 239 N. Broome St., Wilmington, Del.
First Assistant Engineer, City Engineering and Surveying Dept.

Class of 1895

- FREDERICK R. BARTLETT, B. M. E., Port of Spain, Trinidad, B. W. I.
Superintendent, New York and Bermudez Co.
- EDWARD W. COOCH, B. C. E., Newark, Del.
Attorney-at-Law, 202 Equitable Building, Wilmington, Del.
- CARL HARRINGTON, B. E. E., E. E.,
"The Georgia," 1410 Eutaw Pl., Baltimore, Md.
- FRANK H. HYNSON, B. M. E., Lewes, Del.
Superintendent, Lewes Light and Water Department.
- ANDREW KERR, B. C. E., Ferguson Block, Pittsburg, Pa.
Of Andrew Kerr & Co., Engineers.
- EDWARD F. MULLIN, B. C. E., Pittsburg, Pa.
With Heyl & Patterson, Engineers.
- WALDO C. WILSON, B. E. E., 802 N. Broome St., Wilmington, Del.
Clerk and Head of Department, E. I. duPont Co.

Class of 1896

- HARRY R. DRAPER, B. C. E., Milford, Del.
Fruit Grower and Canner.
- JOHN T. HENDERSON, B. C. E., Hartford, Conn.
Assoc., Am. Soc. C. E. Assistant Engineer, Connecticut River Bridge and Highway District.
- FRANK H. HYNSON, B. E. E.,
(B. M. E., '95).
- CLARENCE A. SHORT, B. C. E., Newark, Del.
Assistant Professor of Mathematics and Engineering, Delaware College.
- ROBERT B. WOLF, B. E. E., Sandy Hill, N. Y.
Manager, Fenimore Mills, Union Bag and Paper Co.

Class of 1897

- GEORGE G. HENRY, B. E. E., 301 N. Charles St., Baltimore, Md.
Book-keeper, The Baltimore Chrome Works.
- EDWIN T. PHILLIPS, B. E. E., First Avenue and 96th St., N. Y.
Electrical Operator, Interurban Street Railway Co.
- LEE O. WILLIS, B. M. E., Newark, Del.
Instructor in Shop-work, Delaware College.

Class of 1898

- J. VANCE CRAIG, B. E. E., . . . 50 New York Ave., N. W., Washington, D. C.
EDWIN KRAUSE, B. E. E., Elyria, Ohio.
LEWIS R. SPRINGER, B. C. E., 520 D St., Sparrows Point, Md.
Civil Engineer, Maryland Steel Co.
EMMET L. TOSNEY, B. E. E., . . . 6030 Station St., E. Liberty, Pittsburg, Pa.
Draftsman, Westinghouse Co.

Class of 1899

- JOSEPH W. BROWN, B. E. E.,
The "Glyndon," Bayne and Sprague Aves., Allegheny, Pa.
HAROLD GREEN, B. M. E., M. E., 1516 Arch St., Philadelphia, Pa.
With The Fairbanks Co.
RICHARD P. REED, B. C. E., 1024 N. Adams St., Wilmington, Del.
Vice-Pres. and Supt. of Construction, A. S. Reed & Bro. Co., Contractors and Builders.
WILLARD F. WOOD, B. M. E., Newport, Del.
With Marshall Iron Co.

Class of 1900

- EDWARD J. AYARS, B. C. E., Media, Pa.
Assistant Supervisor, Central Division, P. B. & W. R. R.
ALFRED H. HARTMAN, B. C. E., Elkton, Md.
Junior, Am. Soc. C. E. Assistant Engineer, Construction Department, E. I. duPont Co., Wilmington, Del.
WILLIAM L. HIRSH, B. E. E., Union Station, Pittsburg, Pa.
Electrician, P. R. R.
CHARLES S. HYLAND, B. C. E., 434 George St., New Brunswick, N. J.
Assistant Supervisor, New York Division, P. R. R.
THOMAS B. MCKEON, B. E. E., P. O. Box 253, Canonsburg, Pa.
Draftsman, Fort Pitt Bridge Co.
GEORGE D. WOODWARD, B. E. E., 718 Poplar St., Wilmington, Del.
Assistant Electrical Engineer, Maryland Division, P. B. & W. R. R.

Class of 1901

- FRED EVANS, B. C. E., Wilmington, Del.
Rodman, Maryland Division, P. B. & W. R. R.
HARRY L. MAIER, B. C. E., Wilmington, Del.
Assistant Engineer, Street and Sewer Department.
HENRY G. MCCOMB, B. M. E., P. O. Box 341, Ardmore, Pa.
Engineer, Autocar Co.
SAMUEL J. OTT, B. M. E., 100 Broadway, N. Y.
Engineer, Designing and Estimating Department, American Bridge Co.
HERBERT R. TUNNELL, B. M. E., Georgetown, Del.,
THEODORE R. WOLF, JR., B. M. E., 204 Dearborn St., Chicago, Ill.
With N. W. Harris & Co., Stocks and Bonds.

Class of 1902

- WILLIAM L. COOLING, B. C. E., . . . 1315 Virginia St., Charleston, West Va.
HARRY C. EVANS, B. C. E., . . . 2201 First Ave., Room 13, Birmingham, Ala.
Assistant Engineer, Southern Railway.
- WILLIAM L. FADER, B. E. E., 116 Barrett St., Schenectady, N. Y.
Testing Department, General Electric Co.
- PUSEY JONES, B. C. E., Wilmington, Del.
Assistant Engineer, Construction Department, E. I. duPont Co.
- HENRY G. McCOMB, B. E. E.,
(B. M. E., '01).
- G. GLENN MCDANIEL, B. C. E., Room 69 Flood Bldg., San Francisco, Cal.
Inspector, California Debris Commission.
- HERBERT R. TUNNELL, B. C. E.,
(B. M. E., '01).

Class of 1903

- FREDERICK C. CLARK, B. M. E., Palmer Falls, N. Y.
With International Paper Co.
- JAMES M. CONNER, B. C. E., 125 W. Lafayette Ave., Baltimore, Md.
Assistant on Engineer Corps, B. & O. R. R., Camden Station.
- JOSEPH H. FRAZER, B. C. E., La Paz, Bolivia, S. A.
With Government Railways.
- LEROY W. HICKMAN, B. C. E., 1118 West St., Wilmington, Del.
Rodman, Maryland Division, P. B. & W. R. R.
- MATTHEW L. KYLE, B. C. E., 1604 Lancaster Ave., Wilmington, Del.
Engineers Corps, P. R. R.
- RALPH B. KYLE, B. C. E., P. O. Box 87, Fredricksburg, Va.
Superintendent of Dredging, Atlantic Dredging Company.
- EUGENE REYBOLD, B. C. E., Wilmington, Del.
Junior Engineer and Draftsman, Engineer Office, U. S. Army.
- SANFORD W. SAWIN, B. C. E., 1006 W. Eighth St., Wilmington, Del.
Rodman, Maryland Division, P. B. & W. R. R.

Class of 1904

- JOHN T. ANDREWS, B. C. E., Cumberland, Md.
Engineer Corps, Cumberland Division, B. & O. R. R.
- RICHARD B. CHILLAS, JR., B. E. E., Philadelphia, Pa.
Student in Chemical Engineering, University of Pa.
- EVANS H. CROSSAN, B. M. E., Faulkland, Del.
With E. I. duPont Co., Wilmington, Del.
- BASSETT FERGUSON, B. C. E., Glenolden, Pa.
With Harris Engineering Co. of Darby, Pa.



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HOWARD F. FERGUSON, B. E. E., Beaumont, Texas.
Manager, Eastern Texas Oil, Gas and Mineral Co. of Wilmington, Del.

CLINTON R. FOLK, B. C. E., Zanesville, Ohio.
With U. S. Sand Filtration Co. of Pittsburg, Pa.

J. STANLEY FRAZER, B. C. E., Newark, Del.
With Frank H. Sloan, Engineer and Contractor, Baltimore, Md.

HARRY T. KELLY, B. M. E., 1613 Scott St., Wilmington, Del.
Electrician, B. & O. R. R.

WILLIAM LAWTON, JR., B. C. E., 315 Bushkill St., Easton, Pa.
Engineer Corps, L. V. R. R.

ALGER W. POWELL, B. M. E., . . . Market and 29th Sts., Philadelphia, Pa.
Head Book-keeper, West Philadelphia stores, Penna. Cold Storage and Market Co.

FREDERICK SCHABINGER, B. E. E., . . . 129 W. 96th St., New York, N. Y.
Switchboard Operator, Interborough Rapid Transit Co.

EUGENE H. SHALLCROSS, B. M. E., The Solvay Club House, Syracuse, N. Y.
Draftsman, The Solvay Process Co.

Summary

COURSE.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	Total.
Civil Engineering, (B. C. E.)	3	1	7	4	3	3		1	1	3	2	5	7	5	45
Mechanical Engin'ring, (B. M. E.)					2		1		2		4		1	4	14
Electrical Engineering, (B. E. E.)					2	2	2	3	1	3		2		3	18
Total,	3	1	7	4	7	5	3	4	4	6	6	7	8	12	77